

# Syllabus

# Physical Geography Laboratory

# Geography III

Ref 0527 Fall 2010  
Professor Lisa Schmidt  
Thursdays  
1:30-4:20 PM  
LADM 106  
Lisa\_M\_Schmidt@yahoo.com  
(909) 652-7090  
Office Hours: By Appt.  
<http://craftonlab.wikispaces.com/>



**Physical Geography Lab** is a laboratory class for Physical Geography. This course will provide the student with the ability to recognize basic scientific principals and to apply those principals to laboratory exercises in physical geography.



**Corequisite/Prerequisite:** Physical Geography-you must be enrolled in or have already completed Physical Geography to be eligible for this course.



**Required Materials:** Pens, Pencils, Paper, Calculator, Colored Pens/Pencils, Internet Access, Camera (12-24 photos).

**Field Trips:** Two field trips are required for this class.

# Course Objectives

When you have completed this course, you should be able to:

1. Explain absolute and relative location systems
2. Recognize and utilize the Public Land Survey system
3. Recognize and discuss the three types of map projections
4. Locate a place on a map projection, utilizing latitude and longitude
5. Utilize and analyze reference material to collect and report geographic data
6. Analyze data using GIS and GPS methods
7. Identify and diagram atmospheric pressure and winds
8. Construct a general map view and vertical model of atmospheric circulation patterns
9. Identify and explain the gain and loss of moisture by condensation and precipitation and evaluate the changes that occur within the hydrologic system
10. Utilize weather reports to map and delineate air mass source regions and identify potential atmospheric disturbances
11. Identify, locate and evaluate the world climatic regions
12. Identify, locate and compare the major terrestrial biomes with their perspective climatic regimes
13. Identify and discuss Plate Tectonic boundaries, the Earth's crust, and geomorphologies that result from these processes
14. Examine, locate and discuss the surface processes that contribute to regional geomorphology





# Assignments & Grading Scale

Labs 10 @ 50 points each = 500 points  
Tests 3 @ 100 points each = 300 points  
Photo Journal 1 @ 100 points = 100 points  
Paper 1 @ 100 points = 100 points

Total Possible = 1000 points

Note: You must earn at least 60% to pass this course. I reserve the right to drop students who drop below 60% of the total points possible at any time during the semester.

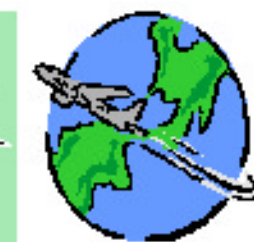


A 1000-900  
B 899-800  
C 799-700  
D 699-600  
F 599-0

Two field trips are planned for this class: 10/28/10  
Etiwanda Preserve & Mormon Rocks  
11/18/10 ESRI



We need  
volunteers to  
carpool!



# About Assignments...

**Labs:** These will be handed out in class. There will be a short explanation of how the lab is done, then you will have time in class to work on it. You will submit your answers for the labs on Blackboard. Labs will be due the week after they are assigned, they must be **submitted on Blackboard by 1:00 PM** on their due dates.

**Tests:** These will be based on the labs. Tests will be given using Blackboard. A review will be conducted in class before each test. Tests must be **submitted by 1:00 PM** unless otherwise stated.

**Photo Journal:** You will be required to keep a photo journal of the first field trip. You may create a paper journal or an online journal. A handout with further instructions will be given at a later date.

**Paper:** You will be required to write a paper about your trip to ESRI. Your paper may be 'paper' or web format. A handout with more information will be given at a later date.





Date	Topic	Assignment	Supplies	Exams	Trips
8/19/2010	Intro	Lab 1	Calculator		
8/26/2010	Lat/Long/Time	Lab 2			
9/2/2010	Map Scale/Proj	Lab 3	Calculator		
9/9/2010	Isolines/Contour Lines	Lab 4	Colored Pencils		
9/16/2010	Topo Maps/Pub Land	Lab 5	Colored Pencils		
9/23/2010	Review Earth/Sun			Test 1	
9/30/2010	Relationships	Lab 6	Calculator		
10/7/2010	Temperature Patterns	Lab 7			
10/14/2010	Climate	Lab 8	Colored Pencils		
10/21/2010	Climate	Lab 8	Colored Pencils		
10/28/2010	Trip 1				Etiwanda Preserve, Mor Rocks
11/4/2010	No Class				
11/11/2010	Midlatitude Cyclones	Lab 9	Colored Pencils	Photo Journal	
11/18/2010	Trip 2				ESRI
11/25/2010	No Class				
12/2/2010	Plate Tectonics	Lab 10	Calc & Clrd Pncl	ESRI Paper	
12/9/2010	Review			Test 2	
12/16/2010	Final Exam			Final Exam	

# **Class Rules**

## **Late Work and Missed Exams**

Late work will not be accepted. There will be no make-up of missed exams.

## **Absences and Tardiness**

I reserve the right to drop students who miss class twice. If you have to miss class, you should stay in contact with me so that you are not inadvertently dropped. You may also be dropped for excessive tardiness. Excessive tardiness is being more than five minutes late more than three times. If you are going to be late, come in quietly and take a seat without interrupting the class. If you miss class, it is YOUR responsibility to obtain notes or ANY other information, including schedule changes.

## **E-mailing Assignments**

Assignments will NOT be accepted by e-mail. If you are having difficulty making it to class when an assignment is due, contact me.

## **Dropping**

If you wish to drop this course, you must do so formally. Not dropping the course may result in a grade of an F.

## **Graded Work**

It is your responsibility to pick up your graded work. Graded work will be held for 30 days after the semester has ended and will then be discarded. It is highly recommended that you keep all of your graded work until final grades have been submitted.

## **Extra Credit**

Some extra credit may be offered during the semester. It will be announced in class and your attendance will be required to take advantage of it.

## **Academic Honesty**

Cheating of any kind will not be tolerated. Any incidences of cheating or plagiarism will be reported to the deans office. Please refer to Crafton Hill College policy on academic honesty.



# Class Rules

## Cell Phones and Texting

Use of cell phones for talking or texting during class is inappropriate. You may be asked to leave the classroom if you are talking or texting during lecture. Phones should be set to silent mode when in class. Use of a cell phone for any reason during an exam or quiz is forbidden. If you are caught using a cell phone during an exam, your exam will be taken away and you will receive a score of zero (0) points for that exam or quiz.

## Disabilities

If you have, or think you have a disability which may interfere with your ability to perform in this class, please speak with me immediately regarding any accommodations and contact the Disabled Students Programs and Services Office at (909) 389-3325. There is help available.

## Blackboard

Blackboard will be used during this course. You must use Blackboard to take tests and to submit your labs. You will also be able to check grades, download class slide shows, and find other resources on Blackboard. You can access Blackboard at: [http://www.craftonhills.edu/log\\_in.php](http://www.craftonhills.edu/log_in.php)

## Contact Information

The BEST way to reach me if you have any questions or concerns is by e-mail. My e-mail address is:  
[Lisa\\_M\\_Schmidt@yahoo.com](mailto:Lisa_M_Schmidt@yahoo.com)

## Note

All dates, topics, point totals, and assignments are tentative. I reserve the right to change them throughout the course as may become necessary.



# For Your Success

## Resources on Your Campus



### **Library**

(909) 389-3323

8:00 AM-9:00 PM M-Th

8:00 AM-9:00 PM Fri

### **Learning Resource Center**

**Location:** 3rd Floor of the Library

**Phone** (909) 389-3312

M-Th 7:30 AM-10:00 PM

Fri 7:30 AM-4:00 PM

Includes the  
Writing  
Center!

## **Computers available for student use!**

**Counseling** Professional counselors offer assistance in educational, vocational, career, transfer, and personal counseling. Phone: (909) 389-3366

**Financial Aid** The Financial Aid Office makes limited funds available to assist students in need and provides information on the Pell Grant, California State Grants, College Work Study, Student Loan Programs, Perkins Loans, and Fee Waivers. Phone: (909) 389-3223

**Extended Opportunity Programs and Services (EOPS)** Extended Opportunity Programs and Services (EOPS) is a state-funded program designed to assist in the admission and matriculation process of historically disadvantaged, low-income students. Phone: (909) 389-3239

**California Work Opportunities and Responsibilities to Kids (CalWORKs)** The CHC CalWORKs program is available to assist any student or community resident who is receiving cash aid from the county and is interested in attending college. The program assists these students in successfully completing an approved certificate/occupational program and provides employment experience. Phone: (909) 389-3239

**Health and Wellness Center** The Health and Wellness Center staff includes nursing and support staff to assist students with medical problems. This office provides first aid and urgent care, health education, counseling programs, health promotion activities, and injury and illness prevention. Phone: (909) 389-3272